

Assistant/Associate Project Scientist - Power System and
Market Analysis - Department of Agricultural and
Resource Economics and Policy
University of California Berkeley

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Posted Oct. 15, 2025, set to expire Nov. 17, 2025

Job Title Assistant/Associate Project Scientist - Power System
and Market Analysis - Department of Agricultural and
Resource Economics and Policy

Department Agricultural and Resource Economics and Policy

Institution University of California Berkeley
Berkeley, California

Date Posted Oct. 15, 2025

Application Deadline 11/17/2025

Position Start Date Available immediately

Job Categories Research Scientist/Associate

Academic Field(s) Environmental Science & Ecology
Economics

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Job Description

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**Assistant/Associate Project Scientist - Power System and Market Analysis - Department of
Agricultural and Resource Economics and Policy**

Position overview

Salary range: The UC academic salary scales set the minimum pay determined by rank and step at appointment. See the following table (s) for the current salary scale(s) for this position:

https://www.ucop.edu/academic-personnel-programs/_files/2025-26/represented-july-2025-scales/t37-b.pdf

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. The current full-time base salary range for this position is \$76,700 - \$115,400 annually. "Off-scale" salaries, which yield compensation that is higher than the published system-wide salary at the designated rank and step, are offered when necessary to meet competitive conditions.

Percent time: 100%

Anticipated start: Spring 2026

Position duration: Initial appointment is for one year with the possibility of renewal based on performance and funding availability.

Application Window

Open date: October 14, 2025

Next review date: Tuesday, Oct 28, 2025 at 11:59pm (Pacific Time)

Apply by this date to ensure full consideration by the committee.

Final date: Monday, Nov 17, 2025 at 11:59pm (Pacific Time)

Applications will continue to be accepted until this date, but those received after the review date will only be considered if the position has not yet been filled.

Position description

University of California, Berkeley is seeking to hire an Assistant/Associate Project Scientist to support its growing area of research on clean power system transition in China under the direction of Dr. Jiang Lin of the Department of Agricultural and Resources Economics. We have worked closely with the Lawrence Berkeley National Laboratory's Energy Market and Policy Department and collaborators in the U.S. and China, including City University of New York, Tsinghua, Renmin, and North China Electric Power University, on power sector modeling and analysis to develop pathways for clean power system transition, assess the impacts of electricity market reform, and evaluate the economic and financial impacts of clean power transition in China.

Duties of the position:

Under the direction of the supervisor, this position will conduct research and use quantitative methodologies to develop clean transition pathways for China's power system, and to evaluate their potential economic, health, and social impacts. This position will help conduct literature review and data collection to support the development of modeling parameters and inputs for power system modeling in China, prepare scientific reports, participate in preparing peer-reviewed publications, and

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conduct related technology and policy research, as well as outreach activities to communicate research findings. It is expected that the successful candidate will travel up to 15% of the time to conduct field research and present research findings.

Qualifications

Basic qualifications (required at time of application)

PhD (Or equivalent international degree)

Additional qualifications (required at time of start)

- Position requires the ability to travel up to 15%
- The candidate must be eligible to work in the United States. (The department is unable to sponsor a visa/work permit.)

Preferred qualifications

- Experience with power system modeling using open source models such as Gridpath and familiarity with open source dataset on power plants, resource assessment, and technology costs
- Experience conducting research on electricity market operation including market designs and evaluation
- Ability to read Chinese sources
- Experience working with energy and emissions, air pollutants, and conducting health impact analysis with familiarity of exposure-response functions preferred
- Experience working with public entities and policymaking bodies
- Ability to work independently according to technical guidelines, and collaboratively as part of a team
- Excellent written and oral communication skills
- Ph.D degree in Environmental Sciences, Energy and Resources, or relevant qualification with demonstrated research experience in the area of power system modeling and analysis

Application Requirements

Document requirements

- Curriculum Vitae - Your most recently updated C.V.
- Cover Letter

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Reference requirements

- 3 required (contact information only)

Apply link: <https://aprecruit.berkeley.edu/JPF05170>

Help contact: lin.jiang@berkeley.edu

About UC Berkeley

UC Berkeley is committed to diversity, equity, inclusion, and belonging in our public mission of research, teaching, and service, consistent with [UC Regents Policy 4400](#) and University of California Academic Personnel policy ([APM 210 1-d](#)). These values are embedded in our [Principles of Community](#), which reflect our passion for critical inquiry, debate, discovery and innovation, and our deep commitment to contributing to a better world. Every member of the UC Berkeley community has a role in sustaining a safe, caring and humane environment in which these values can thrive.

The University of California, Berkeley is an Equal Opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age, or protected veteran status.

For more information, please refer to the [University of California's Affirmative Action and Nondiscrimination in Employment Policy](#) and the [University of California's Anti-Discrimination Policy](#).

In searches when letters of reference are required all letters will be treated as confidential per University of California policy and California state law. Please refer potential referees, including when letters are provided via a third party (i.e., dossier service or career center), to the [UC Berkeley statement of confidentiality](#) prior to submitting their letter.

As a University employee, you will be required to comply with all applicable University policies and/or collective bargaining agreements, as may be amended from time to time. Federal, state, or local government directives may impose additional requirements.

As a condition of employment, the finalist will be required to disclose if they are subject to any **final** administrative or judicial decisions within the last seven years determining that they committed any misconduct.

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- "Misconduct" means any violation of the policies or laws governing conduct at the applicant's previous place of employment, including, but not limited to, violations of policies or laws prohibiting sexual harassment, sexual assault, or other forms of harassment or discrimination, as defined by the employer.
- [UC Sexual Violence and Sexual Harassment Policy](#)
- [UC Anti-Discrimination Policy](#)
- [APM - 035: Affirmative Action and Nondiscrimination in Employment](#)

Job location

Berkeley, CA

To apply, visit <https://aprecruit.berkeley.edu/JPF05170>

Contact Information

Please reference Academickeys in your cover letter when
applying for or inquiring about this job announcement.

Contact

N/A

University of California Berkeley

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